

IN THE SPECIFICATION:

Please enter the enclosed substitute "paper" copy of the Sequence Listing into the file with effective date of August 2, 2001.

REMARKS

With and as an integral part of the original filing of the above-referenced application on August 2, 2001, applicants filed a "paper" copy of the Sequence Listing on CD-R pursuant to 37 C.F.R. § 1.52(e), and a computer-readable format (CRF) copy of the same Sequence Listing on CD-R pursuant to 37 C.F.R. §§ 1.821 and 1.824.

The "paper" sequence listing was submitted on a single CD-R, provided in duplicate (COPY1 and COPY2) pursuant to 37 C.F.R. § 1.52(e)(4), and was incorporated by reference in its entirety into the specification by statement pursuant to 37 C.F.R. § 1.52(e)(5). That the duplicate copies were identical was affirmed by statement in the transmittal letter pursuant to 37 C.F.R. § 1.52(e)(4), and their mutual identity to the CRF copy was affirmed by statement in the transmittal letter pursuant to 37 C.F.R. 1.821(f).

Nonetheless, the Notice to File Missing Parts mailed October 18, 2001 states in pertinent part that:

The paper or compact disc copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e). Applicant must provide a substitute paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application OR a substitute computer readable form (CRF) copy of the "Sequence Listing". These two items must be the same.

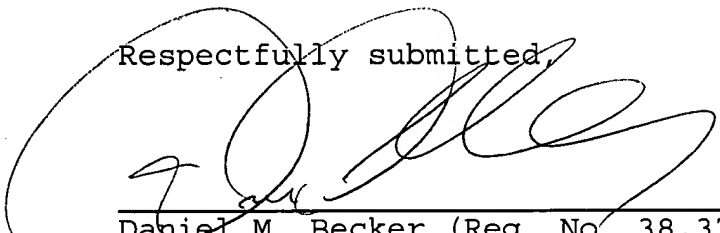
No further details as to the nature of the alleged differences are provided. Nothing in applicants' files or that of applicants' attorney of record suggests or would identify any such differences as between "paper" and CRF copies of the Sequence Listing.

Accordingly, applicants file herewith as a substitute copy of the "paper" sequence listing a true and correct copy of the single CD-R disc maintained in the internal files of the undersigned attorney of record, in duplicate (COPY1 and COPY2). The single computer file recorded thereon is named "sequence.txt", shows a date of file creation of August 02, 2001 and a file size of 1,048,233 bytes, exactly as set forth in applicants' specification under "REFERENCE TO SEQUENCE LISTING SUBMITTED ON COMPACT DISC". The two discs are identical to one another and are, to the best of applicants' knowledge, identical to the "paper" sequence listing filed with the application on August 2, 2001.

Applicants further file herewith as a substitute copy of the "CRF" sequence listing a true and correct copy of the same single disc maintained in the internal files of the undersigned attorney of record. The single computer file recorded thereon is named "sequence.txt", shows a date of file creation of August 02, 2001 and a file size of 1,048,233 bytes, exactly as set forth in applicants' specification under "REFERENCE TO SEQUENCE LISTING SUBMITTED ON COMPACT DISC". The CRF disc, and the file contained thereon, is identical to the substitute paper sequence listing filed herewith on CD-R in duplicate pursuant to 37 C.F.R. § 1.52(e).

To the best of applicants' knowledge, no new matter has been added.

Respectfully submitted,

  
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I Hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231, on 11/6/01

Matt Coretto  
Name of Person Signing Certificate

  
Signature of Person Signing Certificate

11/6/01  
Date of Signature